Amendments to the Specification:

Please add the following new paragraph after the title on page 1:

This application claims benefit of priority under 35 U.S.C. § 365(c) to International Application PCT/FR04/01955 filed on July 22, 2004, which claims benefit of French Application No. 03/09339 filed on July 29, 2003.

Please add the following new section heading prior to the paragraph beginning on page 1, line 7, with "The present invention concerns":

BACKGROUND OF THE INVENTION

Please replace the paragraph on page 1, line 8, beginning with "Known systems allowing" with the following:

Known systems allowing the display of at least two images on the same screen are principally utilized to create a perception of depth. The perception of depth is due to two effects: the difference between the images viewed by the two eyes the modification of these images when the observer moves. Besides the change of perspective, the elements situated in the foreground and the background present variable relative positions according to the position of observation.

Please replace the paragraph on page 1, line 14, beginning with "A first existing reproduction" with the following:

A first existing reproduction system allows the display of multiple images simultaneously on the same screen 1, and is illustrated in figures 1 and 2. This system comprises multiple source images, most often 4, with each image being constituted by a multitude of luminous pixels. The pixels from the different sources are interlaced: the pixels from a single source are identified by a single reference numbered between 1 and 4 in the sequences from the left part of the figure. This

system also comprises cylindrical lenses positioned vertically. These lenses form a lenticular network 2 applied to screen 1. A group of horizontally interlaced images is formed on the screen. The lenticular network sends out each of these images in a sector of a different direction. The perception of depth comes from sending a different image towards the right eye and the left eye of the observer, it is necessary for the width of the sector where the image is visible to be of the order of size of the spacing of the eyes of the observer situated at the average distance of observation. Both eyes of an observer (the observers are identified by the printed characters, and their eyes by crosses; the dash-dot lines correspond to the axes of the point of view on the image) therefore look at two different images, which brings about a perception of depth (in the case of observer A). A slight movement of the observer also implies that the image view is changed. Due to the spatial periodicity of the groups of 4 pixels and of that of the lenses, the sequence of 4 images repeats itself identically in the neighboring sectors, as illustrated in Figure 2.

Please add the following new section heading prior to the paragraph beginning on page 2, line 17, with "The invention therefore aims":

SUMMARY OF THE INVENTION

Please replace the paragraph on page 2, line 17, beginning with "The invention therefore aims" with the following:

The invention therefore aims to resolve one or more of these drawbacks. The invention proposes a system for reproduction of images, having:

Please replace the paragraph on page 4, line 17, beginning with "Other features and advantages " with the following:

Other features and advantages of the present invention will appear more clearly with the reading of the following description, provided as an illustrative and non limiting example and made in reference to the drawings.

Please add the following new section heading prior to the paragraph beginning on page 4, line 20, with "Figure 1 is a":

BRIEF DESCRIPTION OF THE DRAWINGS

Please replace the paragraph on page 4, line 20, beginning with "Figure 1 is a" with the following:

- Figure 1 is a horizontal cross-section view of a portion of a screen with a lenticular network.

Please replace the paragraph on page 4, line 22, beginning with "Figure 2 is an" with the following:

- Figure 2 is an overhead view of observation sectors of the screen from Figure 1.

Please replace the paragraph on page 4, line 23, beginning with "Figure 3 is" with the following:

- Figure 3 is a horizontal cross-sectional view of a portion of a sample system according to the invention.

Please replace the paragraph on page 4, line 25, beginning with "Figure 4 is" with the following:

- Figure 4 is a chronogram of the operation of the system from Figure 3.

Please replace the paragraph on page 4, line 26, beginning with "Figure 5 through" with the following:

- Figures 5 through 7 are horizontal cross-sectional views of other systems according to variants of the invention.

Please add the following new section heading prior to the paragraph beginning on page 4, line 28, with "The invention proposes a system":

DETAILED DESCRIPTION OF THE INVENTION

Please replace the paragraph on page 4, line 28, beginning with "The invention proposes a system" with the following:

The invention proposes a system for the reproduction of images, combining: respective image signals applied to a reception input, a screen with pixels with controllable optical transmissibility, a light source for each image signal and a device for driving the transmissibility of the pixels for multiplexing the display of different corresponding images on the screen, and a Fresnel lens positioned in the path of the light traversing the screen.